

Title (en)

Tire with a component containing carbon nanotubes

Title (de)

Reifen mit Komponente aus Kohlennanoröhrchen

Title (fr)

Pneu doté d'un composant contenant des nanotubes en carbone

Publication

EP 2338697 A1 20110629 (EN)

Application

EP 10195653 A 20101217

Priority

US 64324209 A 20091221

Abstract (en)

The present invention is directed to a tire component comprising a rubber compound comprising at least one diene based rubber and from 0.5 to 20 phr of carbon nanotubes having a length of at least 1 micron, wherein the volume resistivity of the tire component is less than 1×10^9 Ohm-cm as measured by ASTM D257-98. It is also directed to a method of manufacturing a pneumatic tire comprising such a component.

IPC 8 full level

B60C 1/00 (2006.01); **B60C 11/00** (2006.01); **C08K 7/00** (2006.01); **C08L 7/00** (2006.01); **C08L 9/00** (2006.01)

CPC (source: EP US)

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